



Band4-10MHz-QPSK-20350-1RB#49



Band4-10MHz-QPSK-20350-50RB#0



Band4-10MHz-16QAM-20000-1RB#0



Band4-10MHz-16QAM-20000-1RB#49



Band4-10MHz-16QAM-20000-50RB#0



Band4-10MHz-16QAM-20350-1RB#0



Band4-10MHz-16QAM-20350-1RB#49



Band4-10MHz-16QAM-20350-50RB#0



Band4-15MHz-QPSK-20025-1RB#0



Band4-15MHz-QPSK-20025-1RB#74



Band4-15MHz-QPSK-20025-75RB#0



Band4-15MHz-QPSK-20325-1RB#0



Band4-15MHz-QPSK-20325-1RB#74



Band4-15MHz-QPSK-20325-75RB#0



Band4-15MHz-16QAM-20025-1RB#0



Band4-15MHz-16QAM-20025-1RB#74



Band4-15MHz-16QAM-20025-75RB#0



Band4-15MHz-16QAM-20325-1RB#0



Band4-15MHz-16QAM-20325-1RB#74



Band4-15MHz-16QAM-20325-75RB#0



Band4-20MHz-QPSK-20050-1RB#0



Band4-20MHz-QPSK-20050-1RB#99



Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20300-1RB#0



Band4-20MHz-QPSK-20300-1RB#99



Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-1RB#0



Band4-20MHz-16QAM-20050-1RB#99



Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20300-1RB#0



Band4-20MHz-16QAM-20300-1RB#99



Band4-20MHz-16QAM-20300-100RB#0



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:30~1000MHz	-34.98	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~2000MHz	-32	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:2000~20000MHz	-32.3	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-35.49	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-32.1	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-32.12	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-35.59	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~2000MHz	-31.39	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:2000~20000MHz	-32.01	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-34.34	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~2000MHz	-32.12	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:2000~20000MHz	-31.83	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-35.33	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-32.34	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-32.12	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-35.84	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~	-32.53	PASS

					2000MHz		
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:2000~20000MHz	-31.92	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-34.79	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~2000MHz	-31.77	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range3:2000~20000MHz	-32.39	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-35.25	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-32.22	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-31.97	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-35.84	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~2000MHz	-32.78	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:2000~20000MHz	-32.66	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-34.88	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~2000MHz	-32.08	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:2000~20000MHz	-32.34	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-35.98	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-31.88	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-31.78	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-35.63	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~2000MHz	-31.42	PASS

Band4	3MHz	16QAM	20385	1RB#0	Range3:2000~20000MHz	-32.63	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-36.15	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~2000MHz	-32.44	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:2000~20000MHz	-32.41	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-35.24	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-31.7	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-32.91	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-35.27	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~2000MHz	-32.66	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range3:2000~20000MHz	-32.19	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-35.67	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~2000MHz	-31.16	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:2000~20000MHz	-32.26	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-34.76	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-32.3	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-32.1	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-34.67	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~2000MHz	-31.97	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range3:2000~	-31.9	PASS

					20000MHz		
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-35.93	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~2000MHz	-32.08	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range3:2000~20000MHz	-31.19	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-35.05	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-32.51	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-32.57	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-35.7	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~2000MHz	-31.78	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range3:2000~20000MHz	-31.59	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-34.71	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~2000MHz	-30.79	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range3:2000~20000MHz	-32.67	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-35.37	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-31.35	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-31.73	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-35.47	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~2000MHz	-31.57	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range3:2000~20000MHz	-32.19	PASS

Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-35.3	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~2000MHz	-32.02	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range3:2000~20000MHz	-31.63	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-35.66	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-32.69	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-32.16	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-35.51	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~2000MHz	-31.97	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range3:2000~20000MHz	-32.22	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-35.42	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~2000MHz	-32.76	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range3:2000~20000MHz	-32.17	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-34.9	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-30.43	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-32.07	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-34.73	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~2000MHz	-31.84	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range3:2000~20000MHz	-31.51	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-35.22	PASS

					00MHz		
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~2000MHz	-32	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range3:2000~20000MHz	-31.94	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-35.48	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~2000MHz	-31.55	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:2000~20000MHz	-32.33	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-35.52	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~2000MHz	-30.81	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range3:2000~20000MHz	-32.18	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-35.71	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~2000MHz	-32.29	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:2000~20000MHz	-32.66	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-35.67	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~2000MHz	-32.61	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:2000~20000MHz	-31.9	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-35.26	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~2000MHz	-31.79	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range3:2000~20000MHz	-32.44	PASS

Test Graphs

Band4-1.4MHz-QPSK-19957-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-QPSK-19957-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-QPSK-19957-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-QPSK-20393-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-QPSK-20393-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-QPSK-20393-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-16QAM-19957-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-16QAM-19957-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-16QAM-19957-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-1.4MHz-16QAM-20393-1RB#0-Range1:30~1000MHz



Band4-1.4MHz-16QAM-20393-1RB#0-Range2:1000~2000MHz



Band4-1.4MHz-16QAM-20393-1RB#0-Range3:2000~20000MHz



Band4-3MHz-QPSK-19965-1RB#0-Range1:30~1000MHz



Band4-3MHz-QPSK-19965-1RB#0-Range2:1000~2000MHz



Band4-3MHz-QPSK-19965-1RB#0-Range3:2000~20000MHz



Band4-3MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-3MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-3MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-3MHz-QPSK-20385-1RB#0-Range1:30~1000MHz



Band4-3MHz-QPSK-20385-1RB#0-Range2:1000~2000MHz



Band4-3MHz-QPSK-20385-1RB#0-Range3:2000~20000MHz



Band4-3MHz-16QAM-19965-1RB#0-Range1:30~1000MHz



Band4-3MHz-16QAM-19965-1RB#0-Range2:1000~2000MHz



Band4-3MHz-16QAM-19965-1RB#0-Range3:2000~20000MHz



Band4-3MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-3MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-3MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-3MHz-16QAM-20385-1RB#0-Range1:30~1000MHz



Band4-3MHz-16QAM-20385-1RB#0-Range2:1000~2000MHz



Band4-3MHz-16QAM-20385-1RB#0-Range3:2000~20000MHz



Band4-5MHz-QPSK-19975-1RB#0-Range1:30~1000MHz



Band4-5MHz-QPSK-19975-1RB#0-Range2:1000~2000MHz



Band4-5MHz-QPSK-19975-1RB#0-Range3:2000~20000MHz



Band4-5MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-5MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-5MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-5MHz-QPSK-20375-1RB#0-Range1:30~1000MHz



Band4-5MHz-QPSK-20375-1RB#0-Range2:1000~2000MHz



Band4-5MHz-QPSK-20375-1RB#0-Range3:2000~20000MHz



Band4-5MHz-16QAM-19975-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-19975-1RB#0-Range2:1000~2000MHz



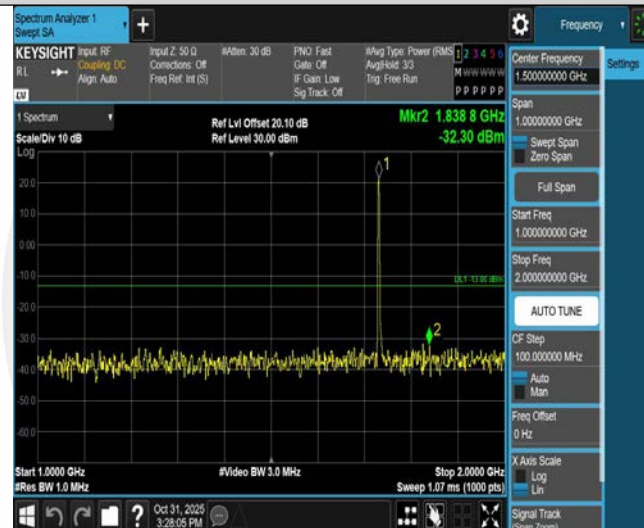
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Band4-5MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-5MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-5MHz-16QAM-20375-1RB#0-Range1:30~1000MHz



Band4-5MHz-16QAM-20375-1RB#0-Range2:1000~2000MHz



Band4-5MHz-16QAM-20375-1RB#0-Range3:2000~20000MHz



Band4-10MHz-QPSK-20000-1RB#0-Range1:30~1000MHz



Band4-10MHz-QPSK-20000-1RB#0-Range2:1000~2000MHz



Band4-10MHz-QPSK-20000-1RB#0-Range3:2000~20000MHz



Band4-10MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-10MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-10MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-10MHz-QPSK-20350-1RB#0-Range1:30~1000MHz



Band4-10MHz-QPSK-20350-1RB#0-Range2:1000~2000MHz



Band4-10MHz-QPSK-20350-1RB#0-Range3:2000~20000MHz



Band4-10MHz-16QAM-20000-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20000-1RB#0-Range2:1000~2000MHz



Band4-10MHz-16QAM-20000-1RB#0-Range3:2000~20000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-10MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range1:30~1000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range2:1000~2000MHz



Band4-10MHz-16QAM-20350-1RB#0-Range3:2000~20000MHz



Band4-15MHz-QPSK-20025-1RB#0-Range1:30~1000MHz



Band4-15MHz-QPSK-20025-1RB#0-Range2:1000~2000MHz



Band4-15MHz-QPSK-20025-1RB#0-Range3:2000~20000MHz



Band4-15MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



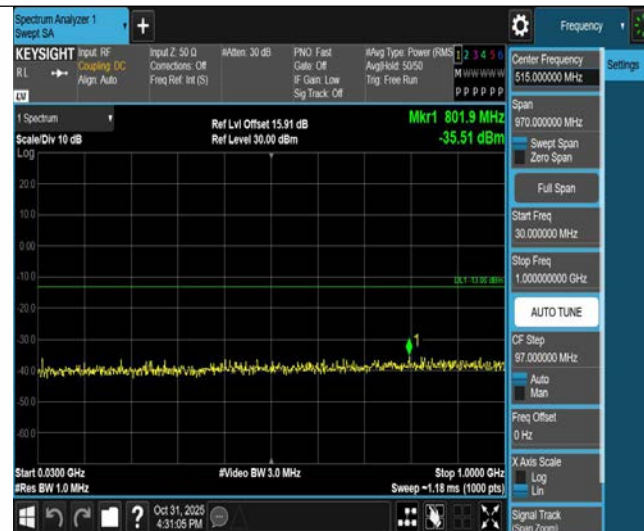
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Band4-15MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-15MHz-QPSK-20325-1RB#0-Range1:30~1000MHz



Band4-15MHz-QPSK-20325-1RB#0-Range2:1000~2000MHz



Band4-15MHz-QPSK-20325-1RB#0-Range3:2000~20000MHz



Band4-15MHz-16QAM-20025-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-20025-1RB#0-Range2:1000~2000MHz



Band4-15MHz-16QAM-20025-1RB#0-Range3:2000~20000MHz



Band4-15MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-15MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range1:30~1000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range2:1000~2000MHz



Band4-15MHz-16QAM-20325-1RB#0-Range3:2000~20000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~2000MHz



Band4-20MHz-QPSK-20050-1RB#0-Range3:2000~20000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~2000MHz



Band4-20MHz-QPSK-20175-1RB#0-Range3:2000~20000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~2000MHz



Band4-20MHz-QPSK-20300-1RB#0-Range3:2000~20000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~2000MHz



Band4-20MHz-16QAM-20050-1RB#0-Range3:2000~20000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~2000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range3:2000~20000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~2000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range3:2000~20000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	10.01	0.00585 1	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	14.75	0.00862 2	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	3.10	0.00181 2	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	18.30	0.01056 3	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	22.27	0.01285 4	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	8.05	0.00464 6	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	17.80	0.01014 6	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	14.92	0.00850 5	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	19.01	0.01083 6	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	-10.20	-0.0059 62	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	3.95	0.00230 9	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	-6.95	-0.0040 63	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-3.83	-0.00221 1	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-1.70	-0.0009 81	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-9.31	-0.0053 74	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-4.39	-0.0025 02	±2.5	PASS

Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-9.14	-0.0052 10	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	3.06	0.00174 4	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	9.44	0.00551 6	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	9.88	0.00577 3	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	10.87	0.00635 1	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	11.86	0.00684 6	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	7.65	0.00441 6	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	9.16	0.00528 7	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	7.72	0.00440 3	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	12.57	0.00716 9	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	16.15	0.00921 0	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	12.60	0.00736 2	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	6.90	0.00403 2	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	7.38	0.00431 2	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	10.47	0.00604 3	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	11.10	0.00640 7	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	9.00	0.00519 5	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	10.14	0.00578 3	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	8.64	0.00492	±2.5	PASS

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Band4	3MHz	16QAM	20385	15RB#0	VH	NT	7.35	0.00419 2	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VL	NT	-7.38	-0.0043 09	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VN	NT	-5.66	-0.0033 05	±2.5	PASS
Band4	5MHz	QPSK	19975	25RB#0	VH	NT	-4.63	-0.0027 04	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VL	NT	13.55	0.00782 1	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VN	NT	10.20	0.00588 7	±2.5	PASS
Band4	5MHz	QPSK	20175	25RB#0	VH	NT	9.98	0.00576 0	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VL	NT	2.69	0.00153 5	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VN	NT	9.01	0.00514 1	±2.5	PASS
Band4	5MHz	QPSK	20375	25RB#0	VH	NT	7.50	0.00428 0	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VL	NT	-8.08	-0.0047 18	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VN	NT	-5.68	-0.0033 17	±2.5	PASS
Band4	5MHz	16QAM	19975	25RB#0	VH	NT	1.79	0.00104 5	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VL	NT	12.83	0.00740 5	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VN	NT	10.36	0.00598 0	±2.5	PASS
Band4	5MHz	16QAM	20175	25RB#0	VH	NT	12.33	0.00711 7	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VL	NT	3.72	0.00212 3	±2.5	PASS
Band4	5MHz	16QAM	20375	25RB#0	VN	NT	6.61	0.00377 2	±2.5	PASS

Band4	5MHz	16QAM	20375	25RB#0	VH	NT	8.73	0.00498 1	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VL	NT	2.88	0.00167 9	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VN	NT	5.44	0.00317 2	±2.5	PASS
Band4	10MHz	QPSK	20000	50RB#0	VH	NT	6.07	0.00353 9	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VL	NT	8.90	0.00513 7	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VN	NT	10.33	0.00596 2	±2.5	PASS
Band4	10MHz	QPSK	20175	50RB#0	VH	NT	10.60	0.00611 8	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VL	NT	-5.75	-0.0032 86	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VN	NT	-5.32	-0.0030 40	±2.5	PASS
Band4	10MHz	QPSK	20350	50RB#0	VH	NT	5.24	0.00299 4	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VL	NT	1.10	0.00064 1	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VN	NT	7.52	0.00438 5	±2.5	PASS
Band4	10MHz	16QAM	20000	50RB#0	VH	NT	-6.02	-0.0035 10	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VL	NT	8.94	0.00516 0	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VN	NT	7.85	0.00453 1	±2.5	PASS
Band4	10MHz	16QAM	20175	50RB#0	VH	NT	12.35	0.00712 8	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VL	NT	-5.26	-0.0030 06	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VN	NT	-3.19	-0.0018 23	±2.5	PASS
Band4	10MHz	16QAM	20350	50RB#0	VH	NT	6.71	0.00383	±2.5	PASS

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Band4	15MHz	QPSK	20025	75RB#0	VL	NT	11.94	0.00695 2	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VN	NT	8.68	0.00505 4	±2.5	PASS
Band4	15MHz	QPSK	20025	75RB#0	VH	NT	5.92	0.00344 7	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VL	NT	12.09	0.00697 8	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VN	NT	10.89	0.00628 6	±2.5	PASS
Band4	15MHz	QPSK	20175	75RB#0	VH	NT	9.98	0.00576 0	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VL	NT	9.96	0.00570 0	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VN	NT	12.04	0.00689 0	±2.5	PASS
Band4	15MHz	QPSK	20325	75RB#0	VH	NT	11.39	0.00651 8	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VL	NT	8.63	0.00502 5	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VN	NT	7.05	0.00410 5	±2.5	PASS
Band4	15MHz	16QAM	20025	75RB#0	VH	NT	12.04	0.00701 0	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VL	NT	9.24	0.00533 3	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VN	NT	10.20	0.00588 7	±2.5	PASS
Band4	15MHz	16QAM	20175	75RB#0	VH	NT	7.68	0.00443 3	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VL	NT	9.63	0.00551 1	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VN	NT	10.76	0.00615 7	±2.5	PASS
Band4	15MHz	16QAM	20325	75RB#0	VH	NT	8.17	0.00467 5	±2.5	PASS

Band4	20MHz	QPSK	20050	100RB#0	VL	NT	-7.77	-0.0045 17	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	-9.37	-0.0054 48	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	-8.51	-0.0049 48	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	11.79	0.00680 5	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	6.85	0.00395 4	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	8.88	0.00512 6	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	4.99	0.00286 0	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	6.61	0.00378 8	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	6.05	0.00346 7	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	-6.17	-0.0035 87	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	-3.13	-0.0018 20	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	-10.30	-0.0059 88	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	10.40	0.00600 3	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	8.93	0.00515 4	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	7.65	0.00441 6	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	4.28	0.00245 3	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	5.99	0.00343 3	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	4.38	0.00251 0	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	-4.66	-0.0027 24	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	-2.98	-0.0017 42	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-10	-7.32	-0.0042 79	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-5.41	-0.0031 62	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	-4.55	-0.0026 60	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	-7.51	-0.0043 90	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	30	-6.57	-0.0038 41	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	40	-6.04	-0.0035 31	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	50	-5.51	-0.0032 21	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	7.91	0.00456 6	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	3.65	0.00210 7	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-10	-7.37	-0.0042 54	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-10.61	-0.0061 24	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-6.61	-0.0038 15	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-10.19	-0.0058 82	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	30	-6.37	-0.0036 77	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	40	-6.32	-0.0036 48	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	50	-8.37	-0.0048	±2.5	PASS

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Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	14.66	0.00835 7	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	9.43	0.00537 5	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-10	3.15	0.00179 6	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	7.17	0.00408 7	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	2.70	0.00153 9	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-7.30	-0.0041 61	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	30	-2.63	-0.0014 99	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	40	-7.57	-0.0043 15	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	50	-3.40	-0.0019 38	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-4.42	-0.0025 84	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-7.22	-0.0042 20	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-10	-7.50	-0.0043 84	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	-6.15	-0.0035 95	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-2.57	-0.0015 02	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	-9.01	-0.0052 67	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	30	-7.91	-0.0046 24	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	40	-3.83	-0.0022 39	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	50	7.01	0.00409 8	±2.5	PASS

Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-7.12	-0.00411 0	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	4.02	0.00232 0	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-10	-3.49	-0.0020 14	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-7.64	-0.0044 10	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-5.49	-0.0031 69	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-3.18	-0.0018 35	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	30	-3.32	-0.0019 16	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	40	-5.06	-0.0029 21	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	50	-6.29	-0.0036 31	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-8.44	-0.00481 1	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-10.39	-0.0059 23	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-10	-9.10	-0.0051 87	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-5.09	-0.0029 01	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-5.36	-0.0030 55	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-4.22	-0.0024 06	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	30	3.28	0.00187 0	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	40	-5.16	-0.0029 41	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	50	-4.18	-0.0023 83	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	14.13	0.00825	±2.5	PASS